

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 October 2005 (13.10.2005)

PCT

(10) International Publication Number
WO 2005/094169 A3

(51) International Patent Classification⁷: **B65D 30/04**,
30/06, 30/26, B32B 5/08, 27/02, 27/04, 27/12, 27/32

(21) International Application Number:
PCT/IL2005/000029

(22) International Filing Date: 9 January 2005 (09.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/558,100 1 April 2004 (01.04.2004) US

(71) Applicant (for all designated States except US): **PALRIG
NAOT AGRICULTURAL COOPERATIVE SOCIETY
FOR BUSINESS LTD.** [IL/IL]; Kibbutz Naot Mordechai,
Upper Galilee, 12120 Mobile Post (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SHACHAM, Shi-
mon** [IL/IL]; 15241 Kfar-Tavor (IL). **GOLDBART, John**

Lewis [IL/IL]; Kibbutz Naot Mordechai, Upper Galilee,
12120 Mobile Post (IL). **SOKER, Jacob** [IL/IL]; 25147
Kfar-Vradim (IL).

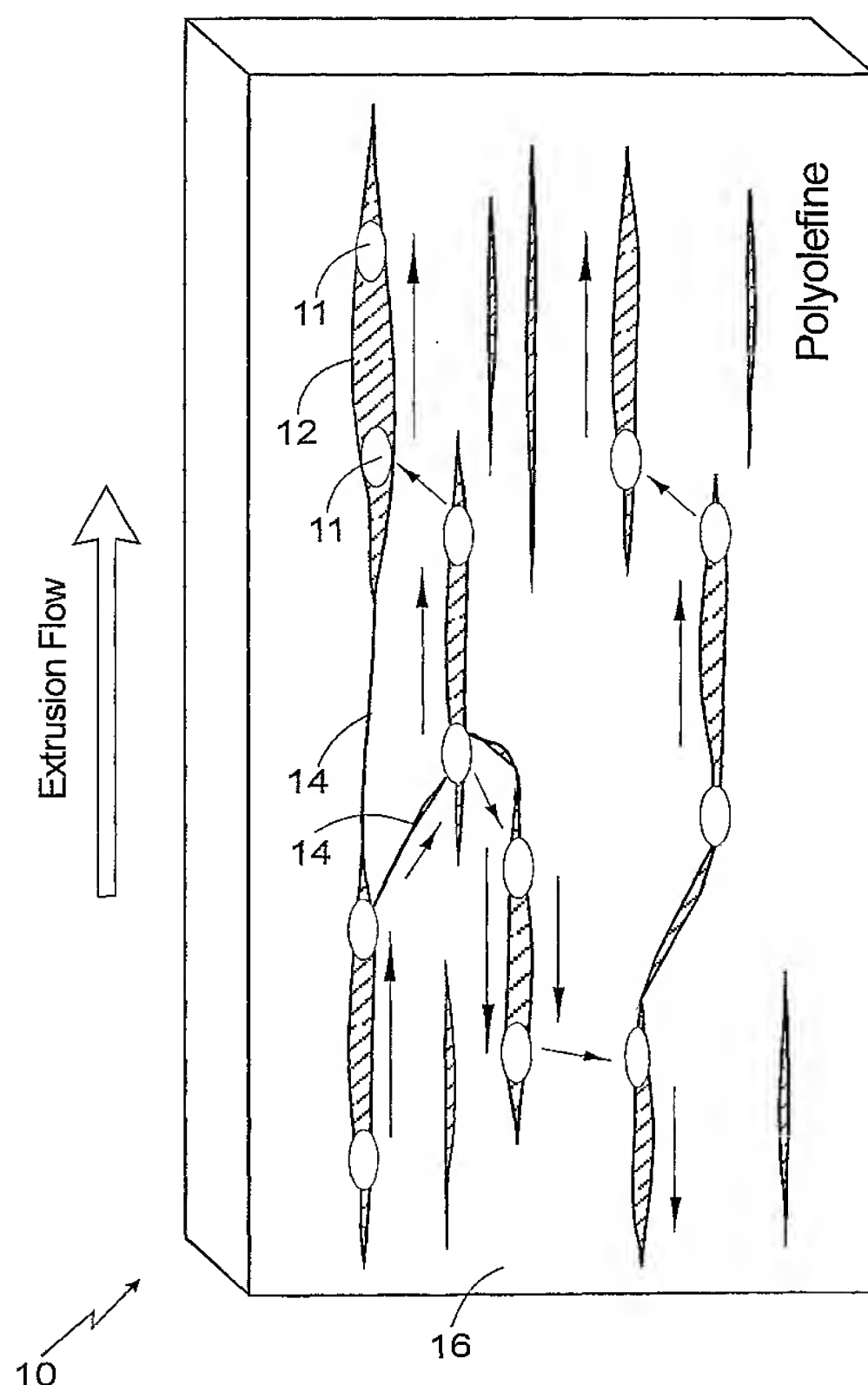
(74) Agent: **MILLER - SIERADZKI, ADVOCATES &
PATENT ATTORNEYS**; P.O.B. 6145, 31061 Haifa (IL).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

[Continued on next page]

(54) Title: ANTISTATIC DISSIPATIVE FLEXIBLE INTERMEDIATE BULK CONTAINER



(57) Abstract: A flexible intermediate bulk container, comprising a flexible bag made of an antistatic fabric comprising electrically non-conducting warp and weft yarns and a plurality of conductive dissipative fibers intersectingly woven into the antistatic fabric. The conductive dissipative fibers comprise Polyolefine with a Polyether-Block-Polyolefine-Copolymer additive. The Polyether-Block-Polyolefine-Copolymer comprises connected or nearly-connected conductive channels at, or near, external surface of the fibers, and wherein the bag is provided with an antistatic dissipative membrane. The bag may be grounded or ungrounded and exhibit corona discharge.



ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
8 December 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.